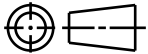
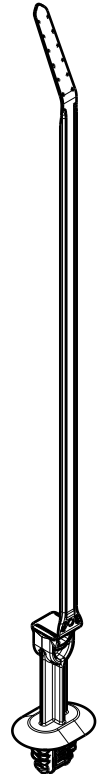
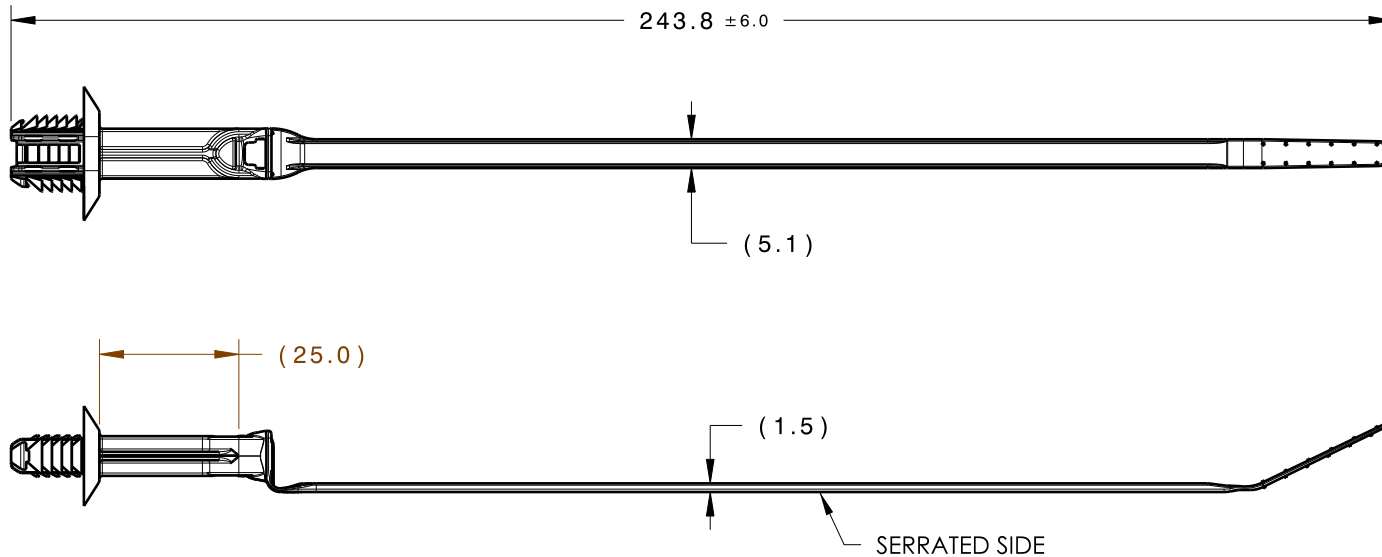


CATIA V5



Revision Level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
03.1	Design Release	A	SEE ECN# 013382	CJR	02/24/16	KVH	02/24/16



ISOMETRIC VIEW
SCALE 1:2

REFERENCE:

PERFORMANCE REQUIREMENTS AT DRY AS MOLDED:

1. FIR TREE PUSH IN FORCE: 45 NEWTONS (10 LBS) MAX IN EACH APPLICABLE OVAL HOLE SIZE AND A PLATE THICKNESS OF 1.8mm.
2. FIR TREE PULL OUT FORCE: 110 NEWTONS (25 LBS) MIN IN EACH APPLICABLE OVAL HOLE SIZE AND A PLATE THICKNESS OF 1.8mm.
3. SHEET METAL THICKNESS RANGE: 0.60mm - 6.75mm
4. APPLICABLE OVAL HOLE SIZES:
 - A. 6.2 X 12.2mm
 - B. 6.5 X 12.5mm
 - C. 6.5 X 13.0mm
 - D. 7.0 X 12.0mm
5. CABLE TIE TENSILE STRENGTH: 220 NEWTONS (50 LBS)
6. BUNDLE RANGE: 2.0mm TO 50mm

Material PA66HIRHS COLOR: BLACK	Units millimeters Tolerance defined on each dimension	The copyright of this drawing is reserved by HellermannTyton. It is issued on condition that it is not reproduced, copied or disclosed to a third party, either wholly or in part, without the consent of HellermannTyton.	Drawn	CJR	11/22/13	Article/Type-No	T50ROSFTOVAL25SO ^{03.1}	Scale	3:4	
			Approved	KVH	11/22/13	Title	25mm STAND OFF CABLE TIE WITH OVAL FIR TREE	Project Number	13-1061	
			HellermannTyton North America Web: www.hellermann.tyton.com			Drawing-No	13-1061-001-CSU	PRODUCTION : Phase	Format	AH
								Sheet	1/1	